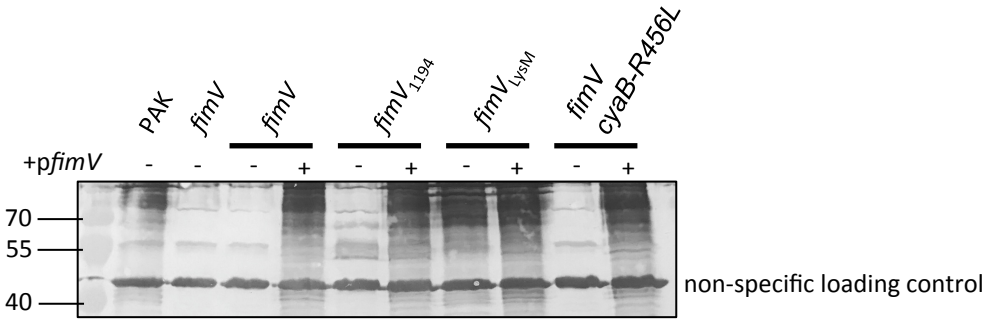

Supplementary Figure S1. Representative Western blot of whole cell lysates using anti-FimV cytoplasmic domain antiserum. The *fimV1194* strain expresses the cytoplasmic domain, presumably due to translational reinitiation downstream of the Flp recombinase target (FRT) insertion site at base 1194. The exact N-terminus of the fragment can't determined by mass due to the aberrant migration of FimV on SDS-PAGE, but this strain can be complemented for motility using only the first 507 residues of FimV (corresponding to the periplasmic domain plus the TM) expressed in trans. The masses of the molecular weight markers in kDa are shown on the left.

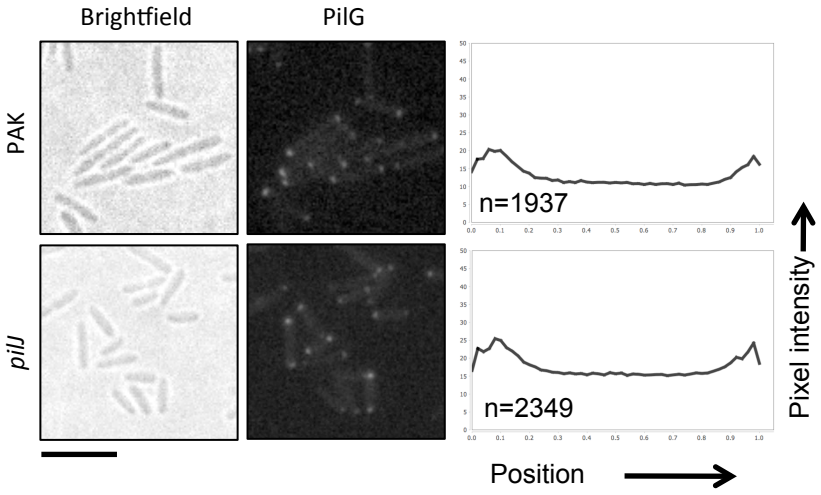

Figure S2. PilG localization is independent of PilJ. Brightfield and fluorescence microscopy of wild type or a *pilJ* mutant expressing PilG-YFP. PilG localizes to the cell poles independently of the Chp system methyl-accepting chemotaxis protein, PilJ. Quantification of the YFP signal along the medial axis of the cell using MicrobeJ is shown at the right. Scale bar = 5 µm.